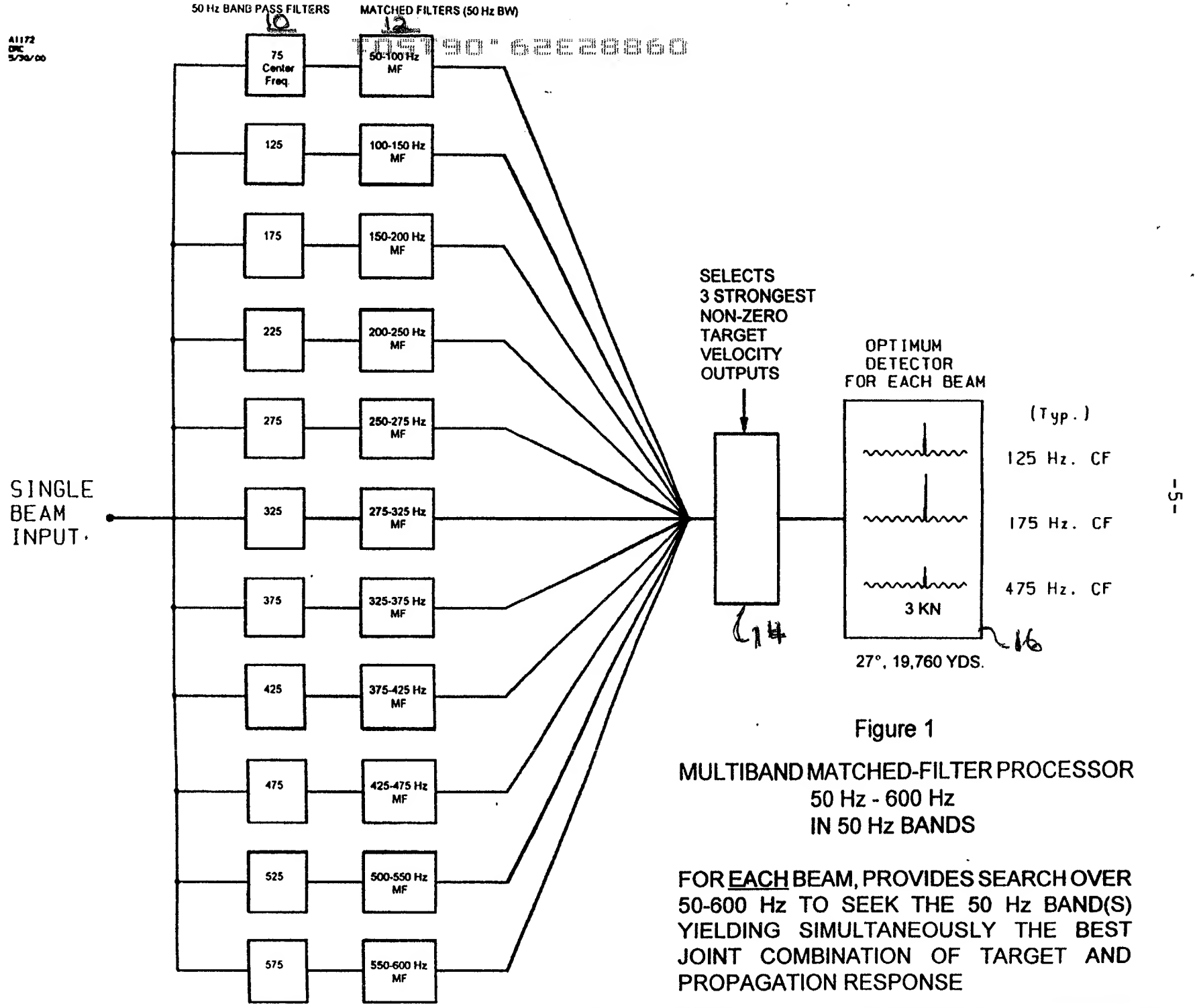

Figure 1

MULTIBAND MATCHED-FILTER PROCESSOR
50 Hz - 600 Hz
IN 50 Hz BANDS

FOR EACH BEAM, PROVIDES SEARCH OVER 50-600 Hz TO SEEK THE 50 Hz BAND(S) YIELDING SIMULTANEOUSLY THE BEST JOINT COMBINATION OF TARGET AND PROPAGATION RESPONSE